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To: Commissioner for Patents  
Company: USPTO  
Your Ref: 09/546,857 Cunningham et al.  
Fax No.: 703.872.9306  
Phone No.: 703.872.9305  
State/Country: D.C./U.S.A.  
Confirmation Via Mail: ☐ Yes ☒ No

From: Denise M. Kettelberger, Ph.D.  
Our Ref.: 11669.0114US01  
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Return Fax To: Lynnda Kraft 31.W12

**OFFICIAL**

Title of Documents Transmitted:  
Applicant: Cunningham et al.  
Serial No.: 09/546,857  
Filed: April 10, 2001  
Group Art Unit: 1647  
Our Ref. No.: 11669.0114US01

Amendment and Response

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

CUSTOMER NO.:  
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PATENT TRADEMARK OFFICE

By: Denise M. Kettelberger  
Name: Denise M. Kettelberger, Ph.D.  
Reg. No.: 33,924

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

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Appl. No. 09/546,857  
Amdt. dated November 20, 2003  
Reply to Office Action of August 20, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Appl. No. : 09/546,857 Confirmation No. 3105  
Applicant : Cunningham et al.  
Filed : April 10, 2001  
Title : VASCULAR ENDOTHELIAL CELL GROWTH FACTOR  
VARIANTS AND USES THEREOF  
TC/A.U. : 1647  
Examiner : Spector, Lorraine  
Docket No. : 11669.114US01  
Customer No. : 23552

CERTIFICATE UNDER 37 CFR 1.6(d):

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By: 

Name: Lyninda Kraft

AMENDMENT AND RESPONSE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated August 20, 2003, Applicants submit the following Amendment to clarify the claimed invention. Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include formal drawings.

**Remarks** begin on page 9 of this paper.